

Listing of Claims:

1. (Previously Amended) A display system comprising:
a host apparatus having an image output interface;
a display apparatus which is operated by supply of a video
signal and power from said host apparatus; and

5 a communication interface for communicating data between
said host apparatus and said display apparatus,

wherein said host apparatus comprises a storing unit for
storing power consumption data, and

wherein said display apparatus transmits said power
consumption data stored in said storing unit to said host
apparatus via said communication interface, and said host
apparatus processes said received power consumption data and
performs power control of said display system based on said
processed power consumption data.

2. (Previously Presented) A system according to Claim 1,
wherein said communication interface has a specification for
communication which conforms with a DDC1/DDC2B/DDC2AB standard
prescribed by Video Electronics Standards Association or an
5 expansion function thereof.

3. (Previously Presented) A system according to Claim 1, wherein said display apparatus has a mode for operating only said communication interface for communication with said host apparatus.

4. (Previously Presented) A system according to Claim 1, wherein said display apparatus comprises an alarm indicator lamp for alarm display.

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5. (Previously Presented) A display system comprising:
a host apparatus having an image output interface;
a display apparatus which is operated by supply of at least one of a video signal and power from said host apparatus; and
5 a communication interface for communicating data between said host apparatus and said display apparatus,

wherein said display apparatus comprises a storing unit for storing power consumption data and display-side communication means for transmitting said power consumption data stored in said
10 storing unit, and

wherein said host apparatus comprises host-side communication means for receiving said power consumption data transmitted from said display apparatus and power control means for entirely performing power control of said display system

15 based on said power consumption data received from said host-side communication means.

6. (Previously Presented) A system according to Claim 5, wherein:

said display apparatus further comprises storing means for storing on-screen display information, and said display-side
5 communication means transmits said on-screen display information, and

in said host apparatus, said host-side communication means receives said on-screen display information, and said host apparatus further comprises information superimposing means for
10 superimposing said received on-screen display information on the video signal.

7. (Currently Amended) A display system comprising:
a host apparatus having an image output interface;
a display apparatus which is operated by receiving at least a video signal from said host apparatus; and

5 a communication interface for communicating data between said host apparatus and said display apparatus, and

wherein said display apparatus comprises storing means for storing on-screen display information, and display-side

communication means for transmitting the on-screen display
10 information,

wherein said host apparatus comprises host-side
communication means for receiving the on-screen display
information transmitted by said display apparatus, and
information superimposing means for superimposing the received
15 on-screen display information on the video signal, and

wherein in said display system, said host-side communication
means transmits the video signal superimposed on the on-screen
display information, said display-side communication means
receives the transmitted signal, and said display apparatus
20 displays an image of said on-screen display information.

8. (Previously Presented) A system according to Claim 5,
wherein said communication interface has a specification for
communication between said host-side communication means and said
display-side communication means which conforms with a
5 DDC1/DDC2B/DDC2AB standard prescribed by Video Electronics
Standards Association or an expansion function thereof.

9. (Previously Presented) A system according to Claim 7,
wherein said communication interface has a specification for

communication between said host-side communication means and said display-side communication means which conforms with a

5 DDC1/DDC2B/DDC2AB standard prescribed by Video Electronics Standards Association or an expansion function thereof.

10. (Previously Presented) A system according to Claim 5, wherein said display apparatus includes a mode for operating only said communication interface for communication with said host apparatus.

11. (Previously Presented) A system according to Claim 7, wherein said display apparatus includes a mode for operating only said communication interface for communication with said host apparatus.

12. (Original) A system according to Claim 5, wherein said display apparatus further comprises an indicator lamp for alarm display.

13. (Original) A system according to Claim 7, wherein said display apparatus further comprises an indicator lamp for alarm display.

14. (Previously Presented) A system according to Claim 6,
wherein:

said host apparatus further comprises first storing means
for storing on-screen display information thereof, and second
5 storing means for storing the on-screen display information of
said display apparatus which is received via said host-side
communication means, and

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said information superimposing means converts the on-screen
display information stored in at least one of said first storing
means and said second storing means into indicatable bit map
information, and superimposes the indicatable bit map information
on the video signal.

15. (Previously Presented) A system according to Claim 7,
wherein:

said host apparatus further comprises first storing means
for storing on-screen display information thereof, and second
5 storing means for storing the on-screen display information of
said display apparatus which is received via said host-side
communication means, and

10 said information superimposing means converts the on-screen
display information stored in at least one of said first storing
means and said second storing means into indicatable bit map

information, and superimposes the indicatable bit map information on the video signal.

16. (Previously Presented) A system according to Claim 6, wherein said on-screen display information comprises ASCII text data.

17. (Previously Presented) A system according to Claim 7, wherein said on-screen display information comprises ASCII text data.

18. (Previously Presented) A system according to Claim 6, wherein said display apparatus is adapted to be selectively connected to a plurality of types of host apparatuses.

19. (Previously Presented) A system according to Claim 7, wherein said display apparatus is adapted to be selectively connected to a plurality of types of host apparatuses.

20. (Previously Presented) A system according to Claim 6, wherein said host apparatus is adapted to be selectively connected to a plurality of types of display apparatuses.

21. (Previously Presented) A system according to Claim 7, wherein said host apparatus is adapted to be selectively connected to a plurality of types of display apparatuses.

22. (Currently Amended) A microdisplay apparatus adapted to be connected to a host apparatus, said microdisplay apparatus comprising:

5 memory means for storing monitor request voltage information and monitor current consumption information as specific ~~EDID~~
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Extended Display Identification Data information on said microdisplay apparatus; and

10 communication interface means for communicating with said host apparatus, and transmitting said monitor request voltage information and said monitor current consumption information to said host apparatus.

23. (Currently Amended) A display system comprising a host apparatus and the microdisplay apparatus according to Claim 22, wherein:

5 said host apparatus is connected to said microdisplay apparatus via a digital interface,

said microdisplay apparatus further comprises detecting means for detecting a power voltage and a power current consumption, and transmits values of said power voltage and said power current consumption detected by said detecting means to
10 said host apparatus via said communication interface means, and

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said host apparatus comprises control means for controlling an output voltage of said host apparatus based on said ~~EDID~~
Extended Display Identification Data information which is stored in said memory means of said microdisplay apparatus, and said
15 detected values of the power voltage and power current consumption, all of which are communicated to said host apparatus via said communication interface means.
